

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
 Data File : BG054170.D
 Acq On : 30 Jun 2022 15:27
 Operator : CG/JU
 Sample : N3502-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D-44-LC

Quant Time: Jul 01 04:04:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

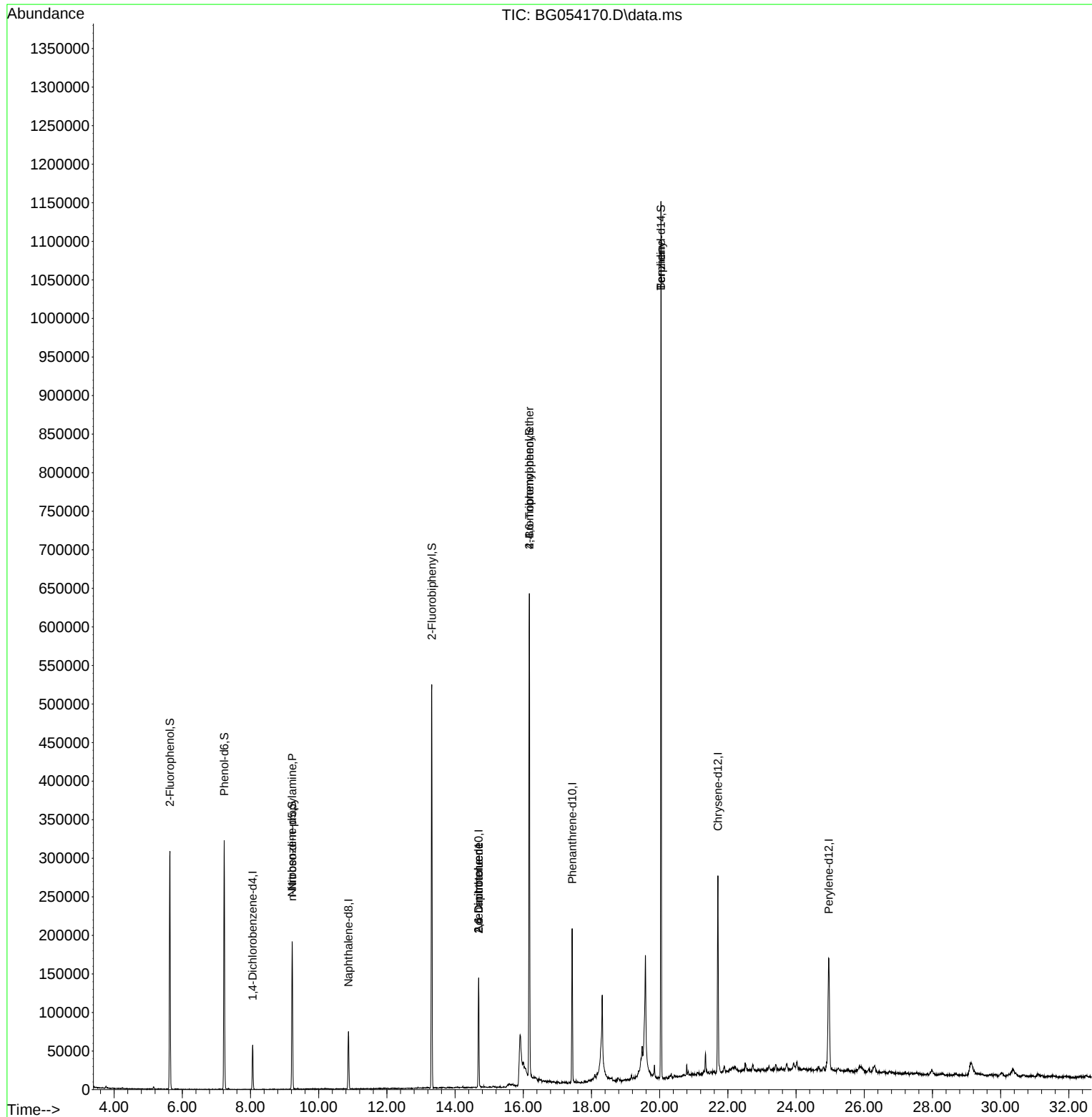
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	17859	20.000	ng	0.00
21) Naphthalene-d8	10.873	136	69626	20.000	ng	# 0.00
39) Acenaphthene-d10	14.692	164	54199	20.000	ng	0.00
64) Phenanthrene-d10	17.435	188	146832	20.000	ng	# 0.00
76) Chrysene-d12	21.707	240	175619	20.000	ng	#-0.01
86) Perylene-d12	24.962	264	183022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	141552	151.540	ng	0.00
7) Phenol-d6	7.230	99	189273	149.367	ng	0.00
23) Nitrobenzene-d5	9.222	82	122490	98.864	ng	-0.01
42) 2,4,6-Tribromophenol	16.178	330	156113	179.275	ng	0.00
45) 2-Fluorobiphenyl	13.317	172	302714	81.217	ng	0.00
79) Terphenyl-d14	20.038	244	640389	73.443	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.227	70	16868	19.814	ng	# 80
51) 2,6-Dinitrotoluene	14.692	165	7447	8.930	ng	# 16
57) 2,4-Dinitrotoluene	14.692	165	7447	6.323	ng	# 21
67) 4-Bromophenyl-phenylether	16.178	248	9883	5.389	ng	# 1
77) Benzdine	20.038	184	8749	2.406	ng	# 87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054170.D
Acq On : 30 Jun 2022 15:27
Operator : CG/JU
Sample : N3502-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D-44-LC

Quant Time: Jul 01 04:04:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 00:27:54 2022
Response via : Initial Calibration

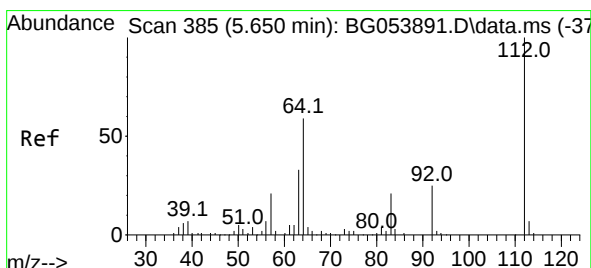
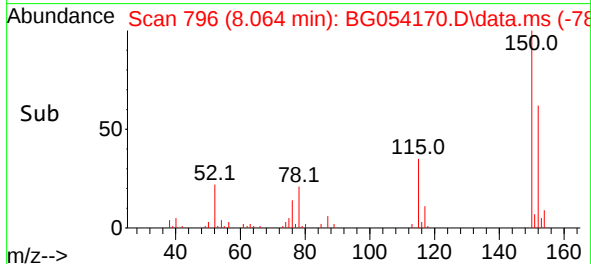
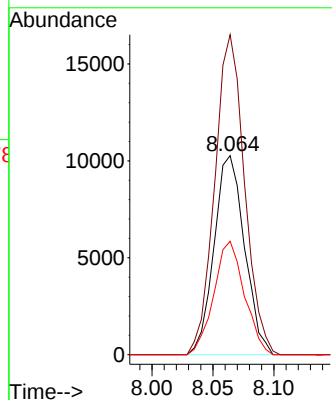
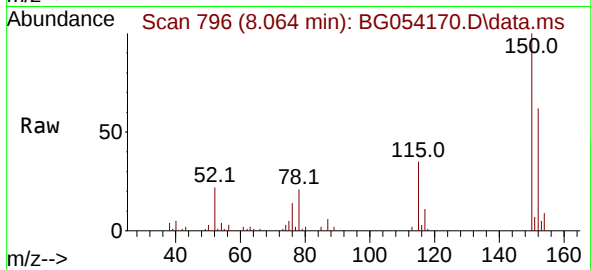




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.064 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

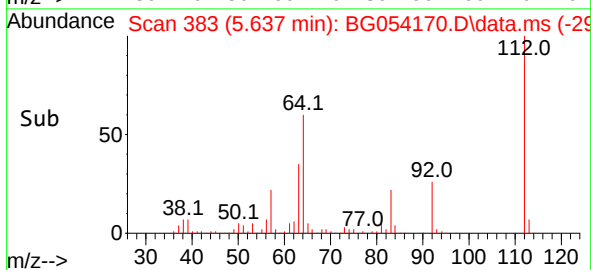
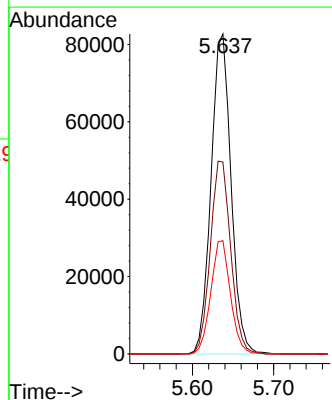
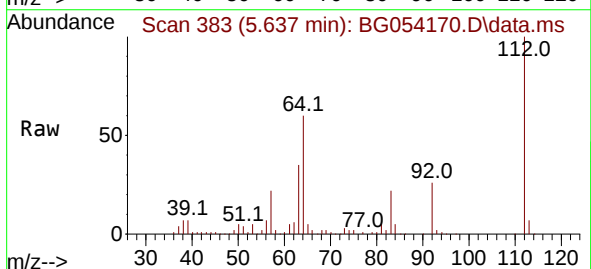
Instrument :
BNA_G
ClientSampleId :
D-44-LC

Tgt Ion:152 Resp: 17859
Ion Ratio Lower Upper
152 100
150 160.8 131.6 197.4
115 57.0 50.9 76.3



#5
2-Fluorophenol
Concen: 151.540 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.000 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

Tgt Ion:112 Resp: 141552
Ion Ratio Lower Upper
112 100
64 60.0 55.1 82.7
63 35.4 30.4 45.6

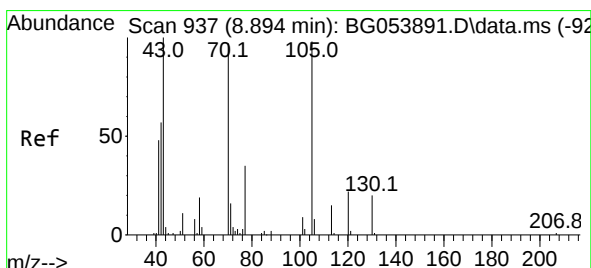
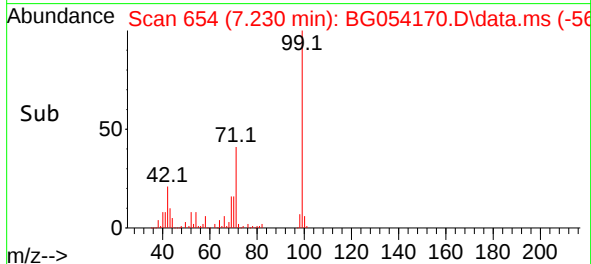
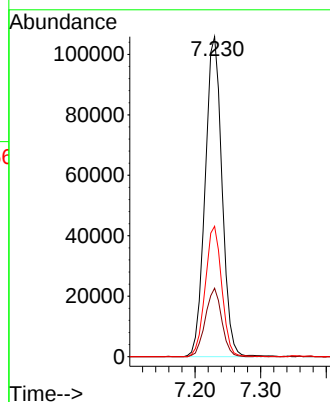
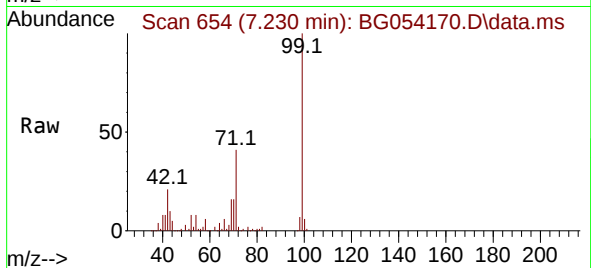




#7
Phenol-d6
Concen: 149.367 ng
RT: 7.230 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

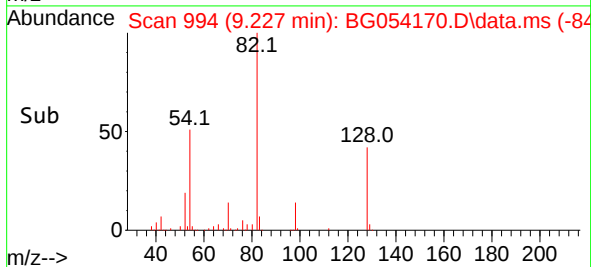
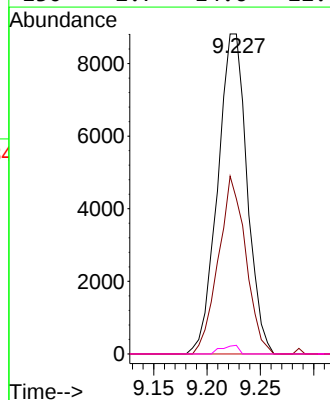
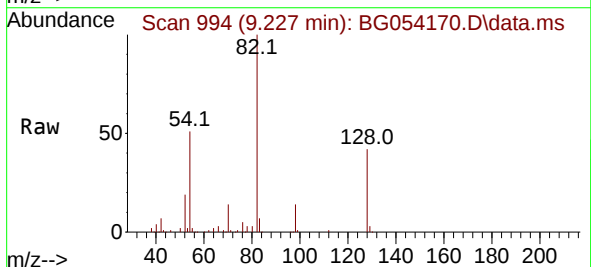
Instrument :
BNA_G
ClientSampleId :
D-44-LC

Tgt Ion: 99 Resp: 189273
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 40.7 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.814 ng
RT: 9.227 min Scan# 994
Delta R.T. 0.352 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

Tgt Ion: 70 Resp: 16868
Ion Ratio Lower Upper
70 100
42 48.5 47.3 70.9
101 0.0 7.0 10.4#
130 2.7 14.6 22.0#

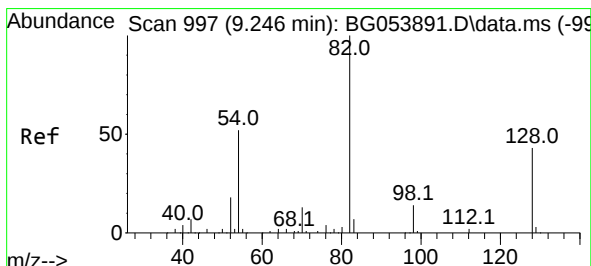
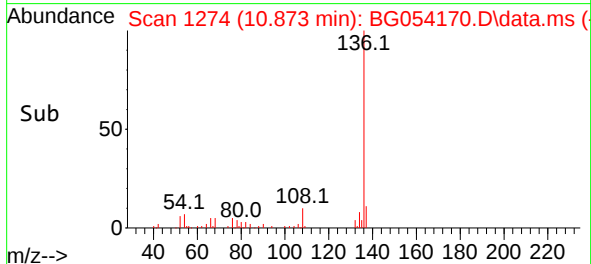
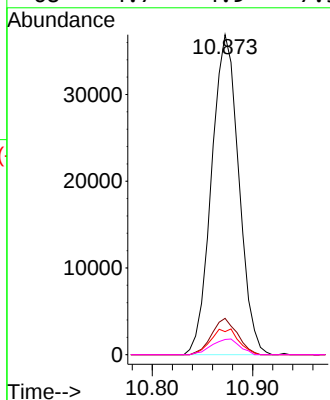
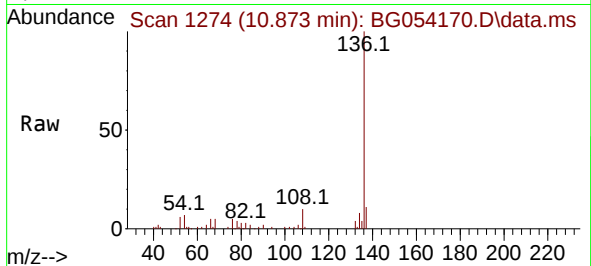




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.873 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

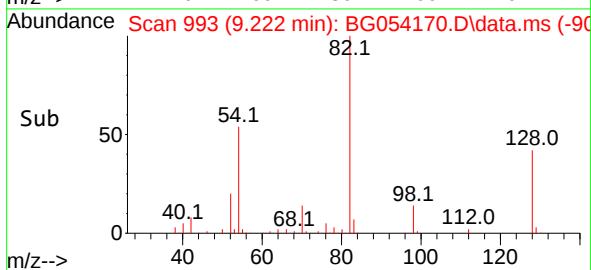
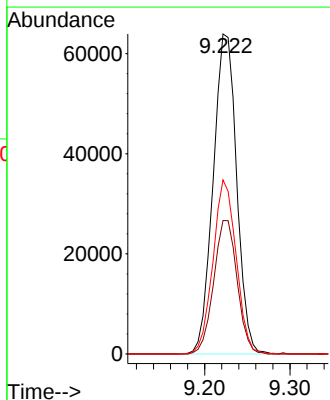
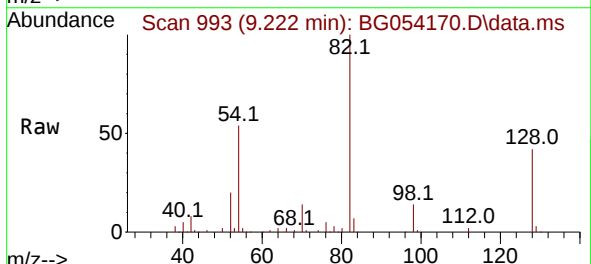
Instrument :
BNA_G
ClientSampleId :
D-44-LC

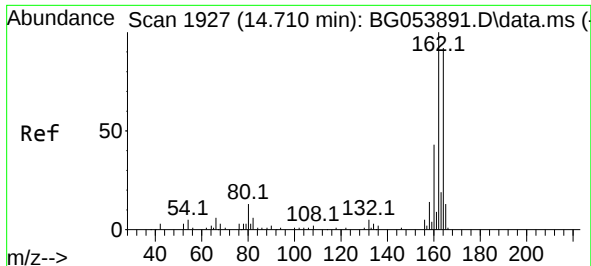
Tgt Ion:	136	Resp:	69626
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	7.2	7.4	11.2#
68	4.7	4.9	7.3#



#23
Nitrobenzene-d5
Concen: 98.864 ng
RT: 9.222 min Scan# 993
Delta R.T. -0.012 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

Tgt Ion:	82	Resp:	122490
Ion Ratio	Lower	Upper	
82	100		
128	41.7	27.9	41.9
54	54.4	41.2	61.8

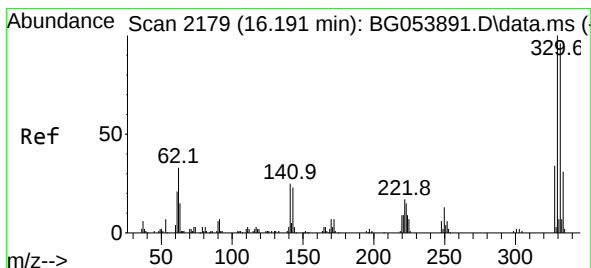
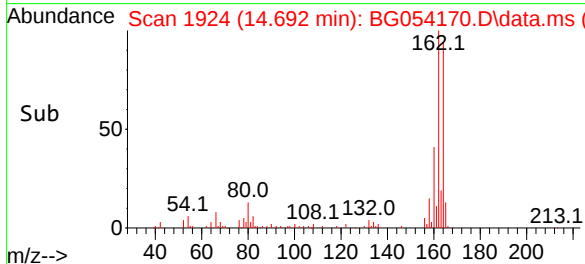
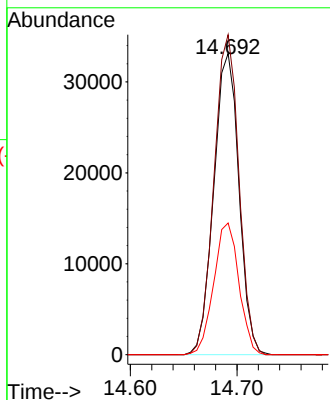
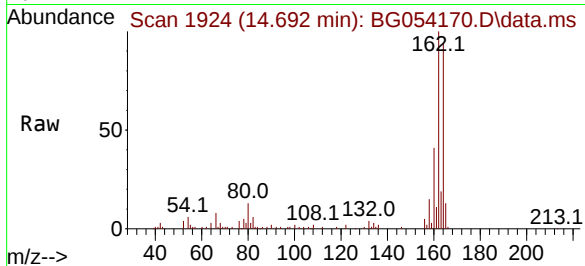




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

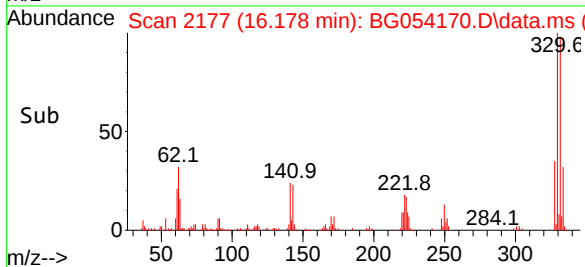
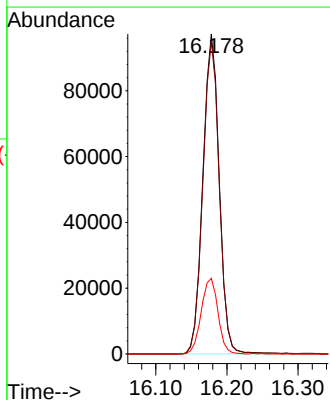
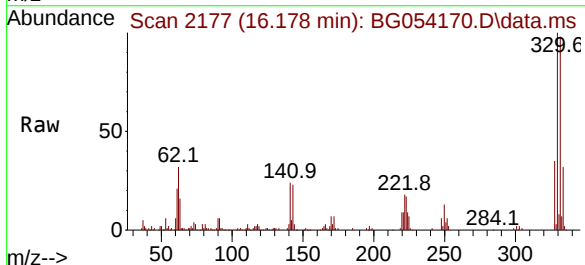
Instrument :
BNA_G
ClientSampleId :
D-44-LC

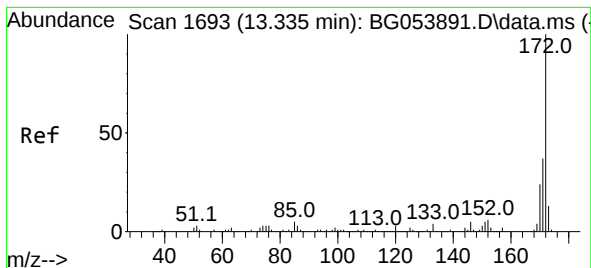
Tgt Ion:164 Resp: 54199
Ion Ratio Lower Upper
164 100
162 106.2 82.3 123.5
160 43.7 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 179.275 ng
RT: 16.178 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

Tgt Ion:330 Resp: 156113
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 24.1 27.1 40.7#

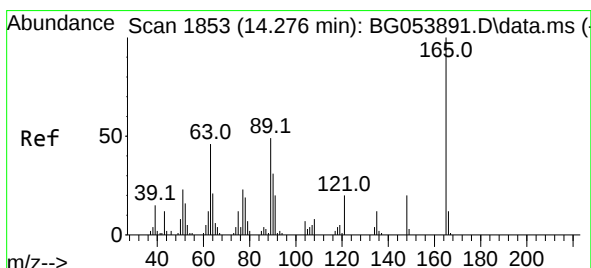
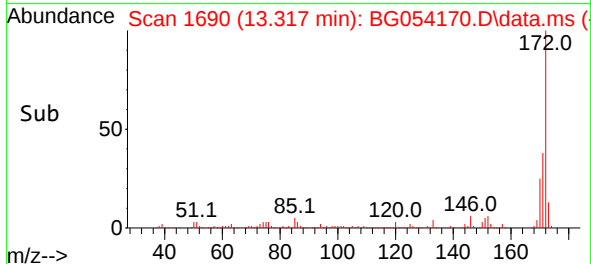
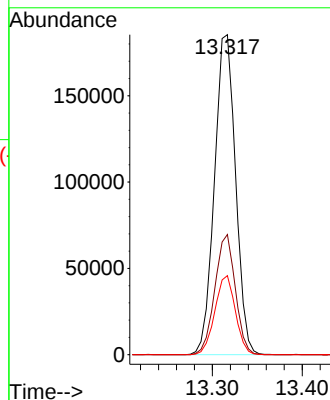
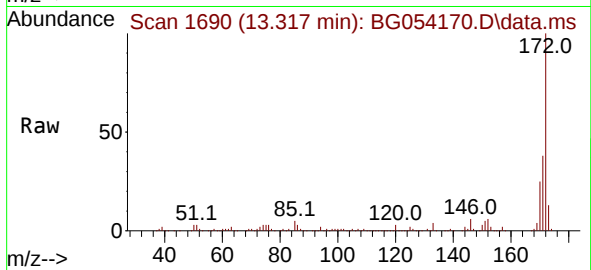




#45
2-Fluorobiphenyl
Concen: 81.217 ng
RT: 13.317 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

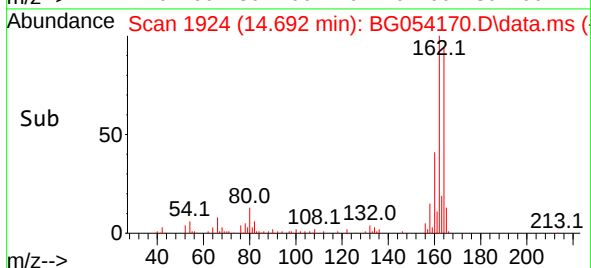
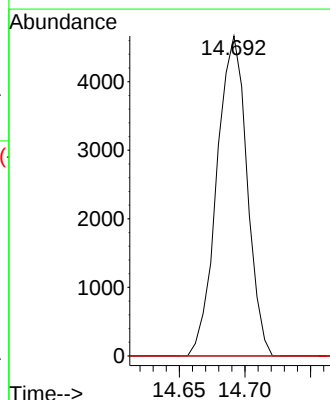
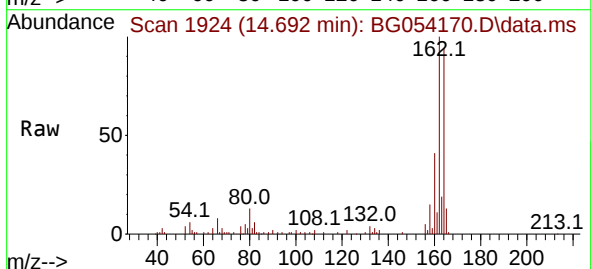
Instrument :
BNA_G
ClientSampleId :
D-44-LC

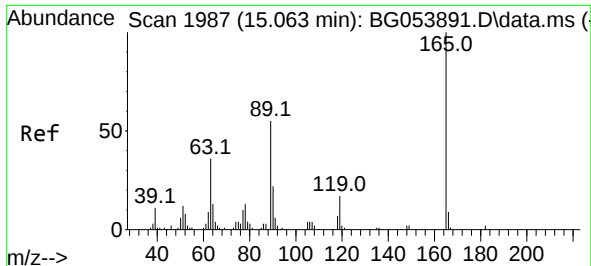
Tgt Ion:172 Resp: 302714
Ion Ratio Lower Upper
172 100
171 37.6 28.5 42.7
170 24.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.930 ng
RT: 14.692 min Scan# 1924
Delta R.T. 0.428 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

Tgt Ion:165 Resp: 7447
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.323 ng

RT: 14.692 min Scan# 1987

Delta R.T. -0.359 min

Lab File: BG054170.D

Acq: 30 Jun 2022 15:27

Instrument :

BNA_G

ClientSampleId :

D-44-LC

Tgt Ion:165 Resp: 7447

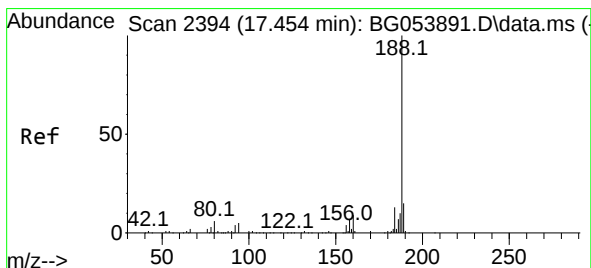
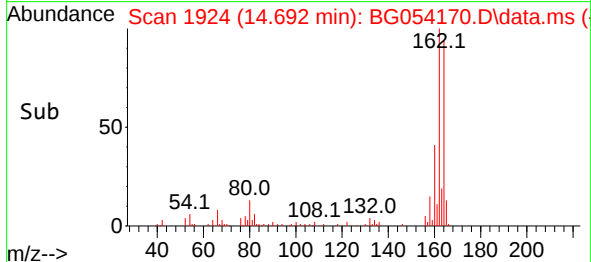
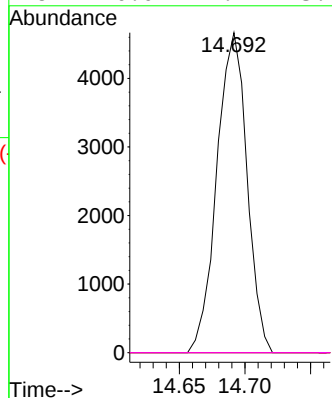
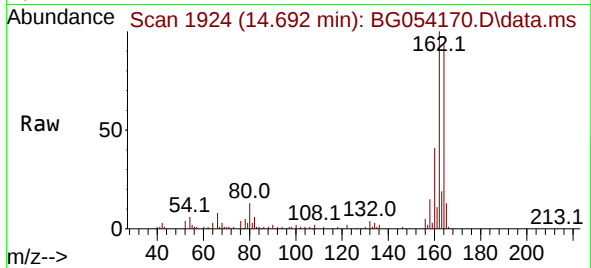
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.435 min Scan# 2391

Delta R.T. -0.006 min

Lab File: BG054170.D

Acq: 30 Jun 2022 15:27

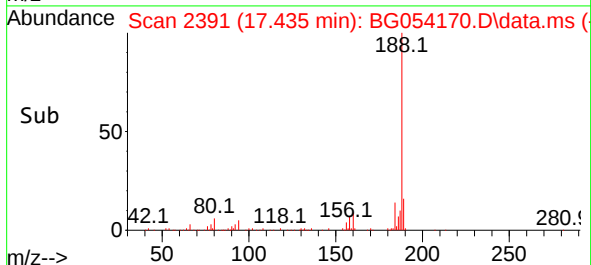
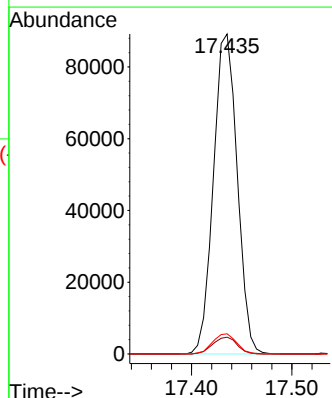
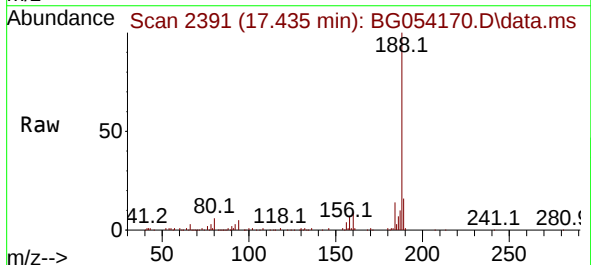
Tgt Ion:188 Resp: 146832

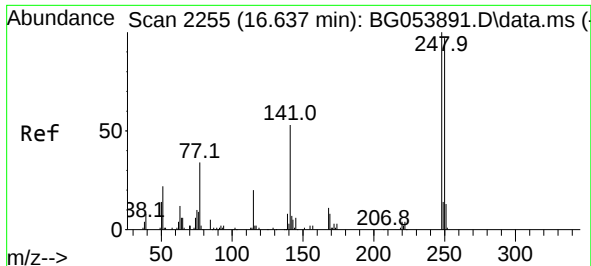
Ion Ratio Lower Upper

188 100

94 5.3 5.4 8.0#

80 6.3 6.8 10.2#

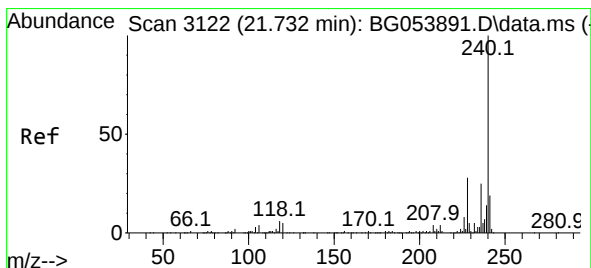
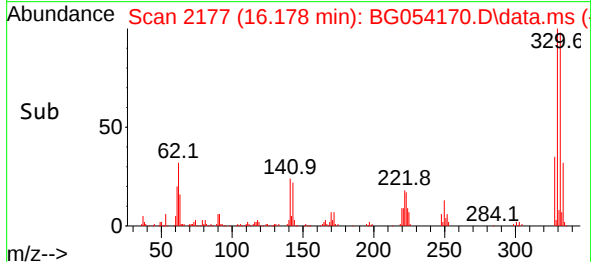
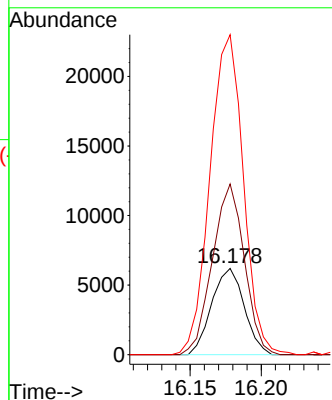
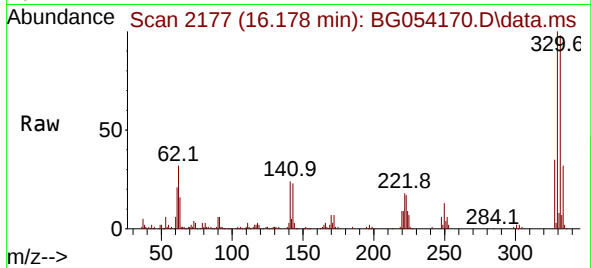




#67
4-Bromophenyl-phenylether
Concen: 5.389 ng
RT: 16.178 min Scan# 2117
Delta R.T. -0.447 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

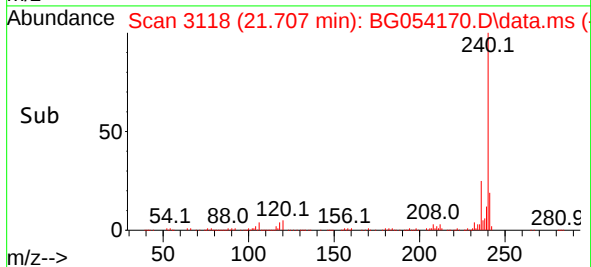
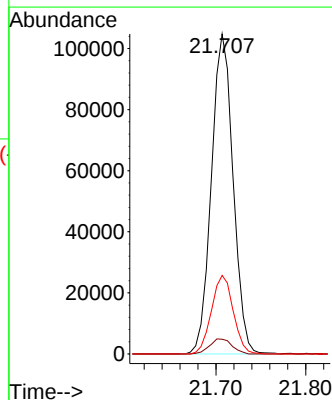
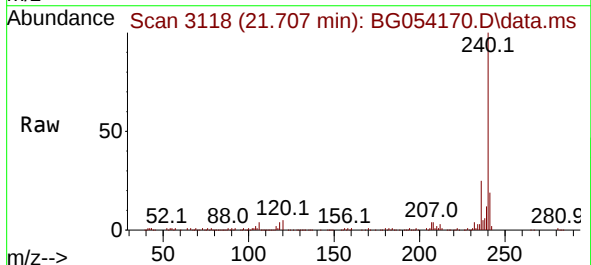
Instrument :
BNA_G
ClientSampleId :
D-44-LC

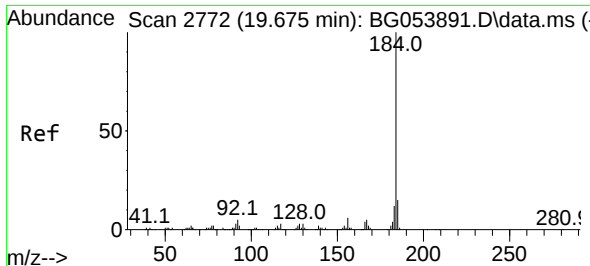
Tgt Ion:248 Resp: 9883
Ion Ratio Lower Upper
248 100
250 150.4 75.2 112.8#
141 281.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.707 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

Tgt Ion:240 Resp: 175619
Ion Ratio Lower Upper
240 100
120 4.6 4.6 7.0#
236 24.5 20.2 30.4

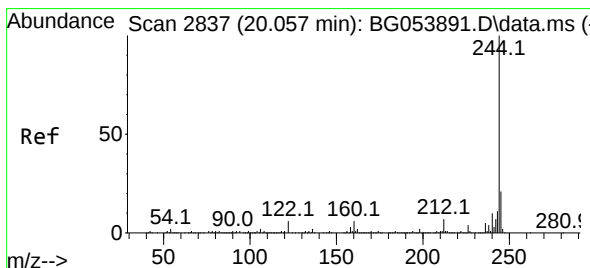
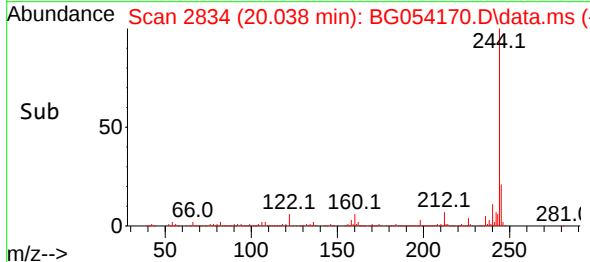
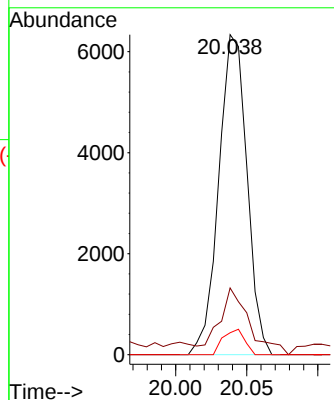
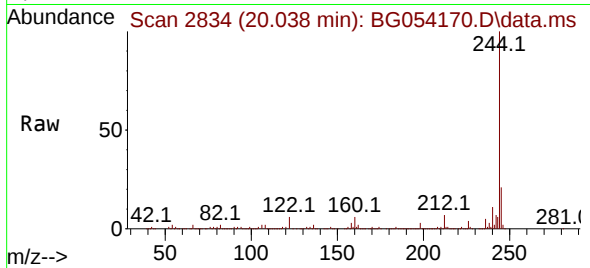




#77
Benzidine
Concen: 2.406 ng
RT: 20.038 min Scan# 2834
Delta R.T. 0.376 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

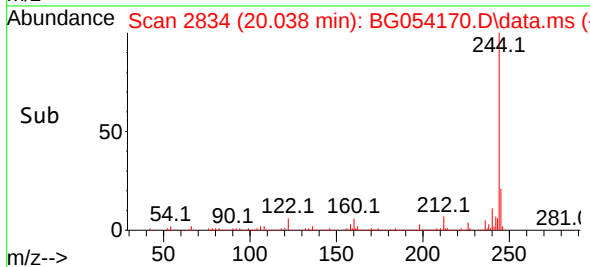
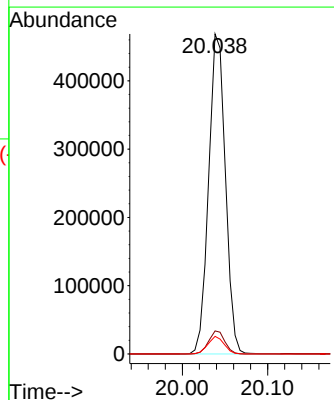
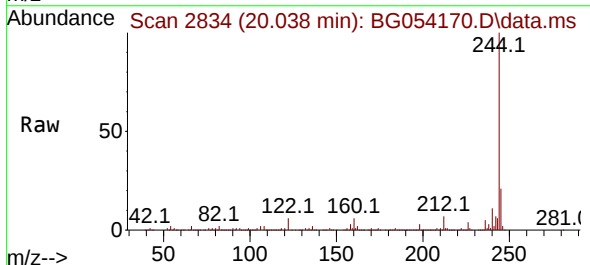
Instrument :
BNA_G
ClientSampleId :
D-44-LC

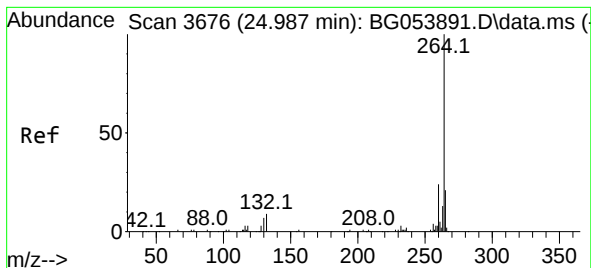
Tgt Ion:184 Resp: 8749
Ion Ratio Lower Upper
184 100
185 20.9 11.8 17.6#
183 6.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 73.443 ng
RT: 20.038 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BG054170.D
Acq: 30 Jun 2022 15:27

Tgt Ion:244 Resp: 640389
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 5.5 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.962 min Scan# 30

Delta R.T. -0.000 min

Lab File: BG054170.D

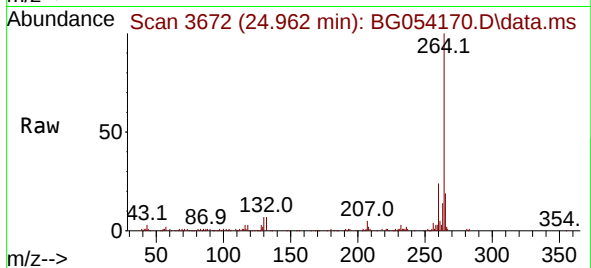
Acq: 30 Jun 2022 15:27

Instrument :

BNA_G

ClientSampleId :

D-44-LC



Tgt Ion:264 Resp: 183022

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 19.4 17.4 26.2

